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Lou 13-13

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Patent Application**

Applicant(s): Hui-Ling Lou et al.  
Case: 13-13  
Serial No.: 09/390,389  
Filing Date: September 3, 1999  
Group: 2631  
Examiner: Kevin Michael Burd

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature: Lisa A. Harkin Date: May 28, 2002

Title: Multiplier-Free Methods and Apparatus for Signal  
Processing in a Digital Communication System

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants' attorney wishes to bring to the attention of the Patent and Trademark Office the following document listed on the accompanying Form PTO-1449: G.M. Durant et al., "Implementation of a Broadband Equalizer for High-Speed Wireless Data Applications," Proc. IEEE ICUPC 98, Florence, Italy, pp. 1015-1020, Oct. 1998. A copy of the listed document is enclosed.

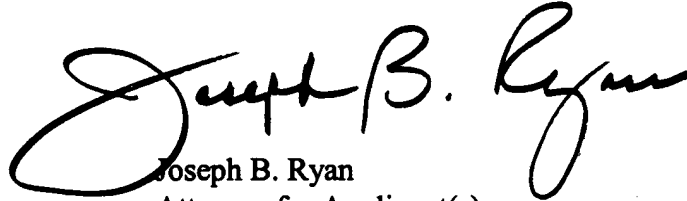
Please charge the amount of \$180 in accordance with 37 C.F.R. §1.17(p) to **Ryan, Mason & Lewis, LLP Deposit Account No. 50-0762**. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-0762** as required to correct the error.

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The filing of this Supplemental Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability, or as a representation that no other material information exists.

Respectfully submitted,

A handwritten signature in black ink, reading "Joseph B. Ryan". The signature is fluid and cursive, with the first name "Joseph" written in a large, sweeping loop.

Date: May 28, 2002

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